

Comparing Fractions Using Benchmarks Game

This activity is designed for pairs of students. It uses a set of cards and a fraction mat which are supplied as an attached resource. The goal is to place each fraction in the appropriate category on the mat. Instructions for the activity are as follows:

- a. Students follow these steps with the fraction cards:
 - i. Each student in the pair selects a card.
 - ii. Student 1 places his/her card within the appropriate category on the mat and gives an explanation for the placement.
 - iii. Student 2 either agrees or disagrees with the placement.
 - iv. If the partners disagree, they discuss until reaching a consensus.
 - v. If the partners agree, Student 2 places his/her card and repeat steps 1 through 4 with this card.
- b. After 5 rounds, each pair records observations about what methods they used to categorize the fractions.

Name That Number

Materials Needed: 1 set of *Name That Number* Clues A, B, or C per team of three students

Directions

Use the clues to find the mystery fraction.

1. Form a team of three puzzle solvers.
2. Place the clues facedown. Each solver randomly takes two clues.
3. Solvers may read their clues to the others, but may not show the clues.
4. Work together to figure out the number being described by the clues.
5. Read the clues as many times as necessary, and talk about what you know.
6. You can write or draw to help you understand the information in the clues, but you can't record the clues.
7. When you think you have a solution, read the clues again to check.